In the Claims

1. (Original) A method comprising:

   detecting a failure of a first virtualization device of a storage area network interconnect,

       wherein said first virtualization device is associated with a unique interconnect device identifier; and

   associating said unique interconnect device identifier with a second virtualization device of said storage area network interconnect in response to said detecting.

2. (Original) The method of claim 1 wherein

   said storage area network interconnect is coupled to an application host and to a storage device,

   said first virtualization device is configured to present a virtual storage element to said application host using a host device identifier, and

   said virtual storage element comprises at least a portion of said storage device.

3. (Currently Amended) The method of claim 2 wherein

   said second virtualization device is configured to present said virtual storage element to said application host using said host device identifier in response to said associating**; and**

   said second virtualization device is selected from a plurality of virtualization devices.

4. (Currently Amended) The method of claim 3 wherein said detecting comprises:

   monitoring a communications link for a heartbeat signal from said first virtualization device **via a failover manager.**

5. (Original) The method of claim 3 wherein

said storage area network interconnect is further coupled to a metadata host,

said metadata host is configured to maintain metadata associated with said virtual

storage element, and

said associating comprises modifying said metadata.

6. (Original) The method of claim 5 wherein

said modifying comprises generating a metadata entry corresponding to said

second virtualization device, and

said metadata entry comprises said unique interconnect device identifier.

7. (Original) The method of claim 3 further comprising:

storing a volume map at said second virtualization device in response to said

detecting.

8. (Original) The method of claim 3 wherein said unique interconnect device identifier comprises a Fibre Channel device identifier.

9. (Original) The method of claim 3 wherein said unique interconnect device identifier comprises at least one of a world wide node name and a world wide port name.

10. (Original) The method of claim 3 wherein

said first virtualization device comprises a first virtualization switch, and

said second virtualization device comprises a second virtualization switch.

11. (Currently Amended) A machine-readable medium **storing** ~~having~~ a plurality of instructions executable by a machine embodied therein, wherein said plurality of instructions when executed cause said machine to perform a method comprising:

detecting a failure of a first virtualization device of a storage area network

interconnect,

wherein said first virtualization device is associated with a unique

interconnect device identifier;

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associating said unique interconnect device identifier with a second virtualization device of said storage area network interconnect in response to said detecting.

12. **(Currently Amended)** The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 11 wherein

said storage area network interconnect is coupled to an application host and to a storage device,

said first virtualization device is configured to present a virtual storage element to said application host using a host device identifier, and

said virtual storage element comprises at least a portion of said storage device.

13. **(Currently Amended)** The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 12 wherein

said second virtualization device is configured to present said virtual storage element to said application host using said host device identifier in response to said associating.

14. **(Currently Amended)** The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 13 wherein said detecting comprises:

monitoring a communications link for a heartbeat signal from said first virtualization device.

15. **(Currently Amended)** The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 13 wherein

said storage area network interconnect is further coupled to a metadata host,

said metadata host is configured to maintain metadata associated with said virtual storage element, and

said associating comprises modifying said metadata.

16.   (Currently Amended) The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 15 wherein

said modifying comprises generating a metadata entry corresponding to said second virtualization device, and

said metadata entry comprises said unique interconnect device identifier.

17.   (Currently Amended) The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 13, said method further comprising:

storing a volume map at said second virtualization device in response to said detecting.

18.   (Currently Amended) The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 13 wherein said unique interconnect device identifier comprises a Fibre Channel device identifier.

19.   (Currently Amended) The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 13 wherein said unique interconnect device identifier comprises at least one of a world wide node name and a world wide port name.

20.   (Currently Amended) The machine-readable medium **storing a plurality of instructions executable by a machine embodied therein** of claim 13 wherein

said first virtualization device comprises a first virtualization switch, and

said second virtualization device comprises a second virtualization switch.

21.   (Original) A data processing system comprising:

means for detecting a failure of a first virtualization device of a storage area network interconnect, wherein

said first virtualization device is associated with a unique interconnect device identifier,

said storage area network interconnect is coupled to an application host and to a storage device,

said first virtualization device is configured to present a virtual storage
element to said application host using a host device identifier, and

said virtual storage element comprises at least a portion of said storage
device; and

means for associating said unique interconnect device identifier with a second
virtualization device of said storage area network interconnect coupled to
said means for detecting.

22.   (Original) The data processing system of claim 21 wherein
said second virtualization device is configured to present said virtual storage
element to said application host using said host device identifier in
response to said associating.

23.   (Original) The data processing system of claim 22 wherein said means for
detecting comprises:
means for monitoring a communications link for a heartbeat signal from said first
virtualization device.

24.   (Original) The data processing system of claim 22 wherein
said storage area network interconnect is further coupled to a metadata host,
said metadata host is configured to maintain metadata associated with said virtual
storage element, and
said means for associating comprises means for modifying said metadata.

25.   (Original) The data processing system of claim 22 wherein said unique
interconnect device identifier comprises a Fibre Channel device identifier.

26.   (Original) The data processing system of claim 22 wherein said unique
interconnect device identifier comprises at least one of a world wide node name and a
world wide port name.

27.   (Original) The data processing system of claim 22 wherein
said first virtualization device comprises a first virtualization switch, and
said second virtualization device comprises a second virtualization switch.

28.   (Original) A data processing system comprising:

a monitor module to monitor a communications link for a heartbeat signal from a

first virtualization device of a storage area network interconnect,

wherein said first virtualization device is associated with a unique

interconnect device identifier; and

a failover module coupled to said monitor module to detect a failure of said first

virtualization device and to associate said unique interconnect device

identifier with a second virtualization device of said storage area network

interconnect in response to said detecting.

29.   (Original) The data processing system of claim 28 wherein

said storage area network interconnect is coupled to an application host and to a

storage device,

said first virtualization device is configured to present a virtual storage element to

said application host using a host device identifier, and

said virtual storage element comprises at least a portion of said storage device.

30.   (Original) The data processing system of claim 29 wherein

said second virtualization device is configured to present said virtual storage

element to said application host using said host device identifier following

a failure of said first virtualization device.